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|---|---|
| L7 and (schedul$ with manag$) | 8 |

**Database:**
US Pre-Grant Publication Full-Text Database
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**Search:** L8

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## Search History

**DATE: Monday, September 27, 2004** Printable Copy Create Case

| Set Name side by side | Query | Hit Count | Set Name result set |
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| *DB=EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR* | | | |
| L8 | L7 and (schedul$ with manag$) | 8 | L8 |
| L7 | "client-server" and @pd<=20000426 | 1207 | L7 |
| *DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR* | | | |
| L6 | "client-server" and @pd<=20000426 | 1365 | L6 |
| L5 | L4 and 705/26,27.ccls. | 3 | L5 |
| L4 | L3 and ("client-server".ab.) | 123 | L4 |
| L3 | L1 and ("client-server".clm.) | 199 | L3 |
| L2 | L1 and ("client-server") | 946 | L2 |
| L1 | (client with server).clm. and (client with server).ab. | 2814 | L1 |

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L8: Entry 1 of 8 File: JPAB Mar 21, 2000

PUB-NO: JP02000081986A
DOCUMENT-IDENTIFIER: JP 2000081986 A
TITLE: METHOD FOR MANAGING JOB IN CLIENT-SERVER TYPE OPERATION PROCESSING SYSTEM AND RECORDING MEDIUM STORING PROGRAM FOR THE METHOD

PUBN-DATE: March 21, 2000

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|---|---|
| MATSUURA, TORU | |
| ISHIKAWA, YORIO | |

ASSIGNEE-INFORMATION:

| NAME | COUNTRY |
|---|---|
| HITACHI INFORMATION SYSTEMS LTD | |

APPL-NO: JP10251715
APPL-DATE: September 7, 1998

INT-CL (IPC): G06 F 9/46; G06 F 1/00; G06 F 15/00

ABSTRACT:

PROBLEM TO BE SOLVED: To realize a job management method capable of efficiently processing batch processing followed by data base access in a client-server type system.

SOLUTION: A server 20 classifies jobs of which start is requested based on processing performance so that jobs of a 1st class are instantaneously started and jobs of a 2nd class are temporarily registered in execution waiting queues 34, 35, plural jobs are simultaneously executed by a job execution management system 30 and jobs of a 3rd class are started based on an execution schedule table previously set in the server 20. A job management system 30 is provided with a job exectuion state display function (9), an execution state inquiring function, (8) and job execution order changing functions (11), (12).



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L8: Entry 2 of 8 File: TDBD Aug 1, 1995

TDB-ACC-NO: NN950849

DISCLOSURE TITLE: Work-Load Scheduling

PUBLICATION-DATA:
IBM Technical Disclosure Bulletin, August 1995, US

VOLUME NUMBER: 38
ISSUE NUMBER: 8
PAGE NUMBER: 49 - 54

PUBLICATION-DATE: August 1, 1995 (19950801)

CROSS REFERENCE: 0018-8689-38-8-49

DISCLOSURE TEXT:

This document contains drawings, formulas, and/or symbols that will not appear on line. Request hardcopy from ITIRC for complete article. Provided is a Work-Load Manager and a work load scheduling or balancing method which are suitable for distributing the load of a variable number of work items across a variable number of server tasks with minimum processing overhead. The method can be optimized for certain operating environments by preferentially loading servers in an order which minimizes server task switching. A stream of similar but unrelated Work Items must be distributed between a set of Server Tasks with the minimum of processing overhead. The number of Server Tasks available may vary from 1 to many thousands, as may the maximum number of concurrent Work Items, the number of each being set by a system administrator prior to start-up. A general solution is required that will evenly distribute the Work Items between the Server Tasks. Known systems either employ single 'round-robin' sequential scheduling (which makes no provision against task switching overhead nor the possibility of processing delays where a particularly large Work Item is being processed and further Work Items are queued behind it), or have more complex schemes (with higher processing overhead) which take account of the resource requirements of the Work Items and the ability of the Servers to process them.



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L8: Entry 3 of 8 File: DWPI Jan 28, 2000

DERWENT-ACC-NO: 2000-186870
DERWENT-WEEK: 200019


TITLE: Schedule management assistance apparatus for client-server system, has adjustment process execution unit to recondition conference establishment based on interpretation result from user terminal

PATENT-ASSIGNEE: NEC CORP (NIDE)

PRIORITY-DATA: 1998JP-0199395 (July 15, 1998)



PATENT-FAMILY:

| | PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|---|
| ☐ | JP 2000029939 A | January 28, 2000 | | 017 | G06F017/60 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|---|---|---|---|
| JP2000029939A | July 15, 1998 | 1998JP-0199395 | |

INT-CL (IPC): G06 F 17/60

ABSTRACTED-PUB-NO: JP2000029939A
BASIC-ABSTRACT:

NOVELTY - Adjustment process program module establishes conference based on search result from conference room reservation unit (5). Notice section informs adjustment result in form of digital information to relevant conference established terminal. Adjustment process executing unit (4) is controlled to recondition conference establishment based on interpretation result from terminal in response to notification. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: control procedure of the conference schedule management assistance apparatus; conference schedule management assistance apparatus control program

USE - For client-server system for establishing conference among several users.

ADVANTAGE - Since the conference establishment is reconditioned based on the interpretation result extracted from the answer obtained from the user terminals, in response to information about adjustment of conference establishment, the overall processing time can be reduced. Hence optimum conference schedule can be determined with ease. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of components in schedule management assistance apparatus. (4) Adjustment process executing unit; (5) Reservation unit.

ABSTRACTED-PUB-NO: JP2000029939A

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EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/7

DERWENT-CLASS: T01
EPI-CODES: T01-H07C5C; T01-H07C5S; T01-J05A2; T01-S03;

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L8: Entry 4 of 8 File: DWPI Feb 12, 1999

DERWENT-ACC-NO: 1999-195205
DERWENT-WEEK: 199917


TITLE: Service data management system for goods transaction systems - carries out assigned task in scheduled time by server when on specific control information is input by client

PATENT-ASSIGNEE: FUJITSU GENERAL LTD (GENH)

PRIORITY-DATA: 1997JP-0194547 (July 18, 1997)



PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|
| JP 11039199 A | February 12, 1999 | | 011 | G06F012/00 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|---|---|---|---|
| JP 11039199A | July 18, 1997 | 1997JP-0194547 | |

INT-CL (IPC): G06 F 12/00

ABSTRACTED-PUB-NO: JP 11039199A
BASIC-ABSTRACT:

NOVELTY - In a client-server system, the client (1) inputs data on sales and purchase of goods as well as control information such as holding period of such data, its processing method to server (5) via the communication circuit (10). Based on the control information, the server carries out assigned tasks at scheduled time.

USE - For database systems.

ADVANTAGE - Clearing of data after a specific holding period is carried out automatically. Enables to perform updating process in schedule time. DESCRIPTION OF DRAWING(S) - The figure shows the system block diagram of the transaction system. (1) Client; (5) Server; (10) Communication circuit.

ABSTRACTED-PUB-NO: JP 11039199A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/6

DERWENT-CLASS: T01

L8: Entry 5 of 8 File: DWPI Feb 2, 1999

DERWENT-ACC-NO: 1999-177062
DERWENT-WEEK: 199915


TITLE: Delivery system using client-server method for transportation business - uses allocation and delivery managing units to determine schedule by which partner designated by partner information unit is to be confirmed

PATENT-ASSIGNEE: AKABO YAMAGUCHIKEN KEIJIDOSHA UNSO KYODO (AKABN)

PRIORITY-DATA: 1997JP-0185587 (July 10, 1997)



PATENT-FAMILY:

| | PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|---|
| ☐ | JP 11031177 A | February 2, 1999 | | 017 | G06F017/60 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|---|---|---|---|
| JP 11031177A | July 10, 1997 | 1997JP-0185587 | |

INT-CL (IPC): G06 F 17/60; G08 G 1/13

ABSTRACTED-PUB-NO: JP 11031177A
BASIC-ABSTRACT:

NOVELTY - The union information unit receives the contents of a delivery request coming from a shipper. The corresponding partner who can deliver based on the received request is determined by the partner information unit. The schedule by which the designated partner is to be confirmed is then determined by the allocation and delivery managing units, respectively. DETAILED DESCRIPTION - A server is provided with a union information unit (31) that manages detailed information of a particular association, while a partner information unit (32) manages the information pertaining to partnerships. The information regarding the schedule by which cars are to be allocated to that particular partner is managed by an allocation managing unit (34), while a delivery managing unit (35) manages the corresponding delivery information.

USE - For transportation business.

ADVANTAGE - Simplifies processing of information regarding allocation and delivery of needed vehicles. Improves network-based communication between shipper and supplier. DESCRIPTION OF DRAWING(S) - The figure shows the functional block diagram of the delivery system. (31) Union information unit; (32) Partner information unit; (34) Allocation managing unit; (35) Delivery managing unit.

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ABSTRACTED-PUB-NO: JP 11031177A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/21

DERWENT-CLASS: T01 T07 W01
EPI-CODES: T01-J05A2; T01-M02A1B; T07-A05A3; W01-A06E2A;

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L8: Entry 6 of 8 File: DWPI May 16, 1997

DERWENT-ACC-NO: 1997-324913
DERWENT-WEEK: 199730


TITLE: Distributed schedule management appts in client-server type communication system - includes service movement notification unit which performs notification of possible schedule of user, obtained by schedule search unit to all other users

PATENT-ASSIGNEE: TOSHIBA KK (TOKE)

PRIORITY-DATA: 1995JP-0283303 (October 31, 1995)

Search Selected Search ALL Clear

PATENT-FAMILY:

| | PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|---|
| ☐ | JP 09128450 A | May 16, 1997 | | 018 | G06F017/60 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|---|---|---|---|
| JP 09128450A | October 31, 1995 | 1995JP-0283303 | |

INT-CL (IPC): G06 F 13/00; G06 F 17/60

ABSTRACTED-PUB-NO: JP 09128450A
BASIC-ABSTRACT:

The appts includes a number of personal computers which are provided corresponding to each user respectively. The schedule of the respective user is input into the corresponding personal computer. All the personal computers are connected to a network. When one user requests to see the schedule of an other user, a schedule management part exhibits a required information. A schedule search unit searches for schedule of the user when the schedule adjustment is required, and presents a possible schedule of the user who should participate in a conference, according to the availability of the user.

A group data management unit holds a required data as a group data for operating the schedule search unit according to the group to which the member belongs. A service movement notification unit performs a notification of the possible schedule obtained by the schedule search unit to all other users.

ADVANTAGE - Enables to refer schedule of other user managed by computer during shut down.

ABSTRACTED-PUB-NO: JP 09128450A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/12

DERWENT-CLASS: T01 W01
EPI-CODES: T01-H07C5S; T01-J05A2; T01-J05B4A; W01-A06E;

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L8: Entry 7 of 8 File: DWPI Jan 17, 1997

DERWENT-ACC-NO: 1997-137158
DERWENT-WEEK: 199713


TITLE: Client-server type parallel batch processing system - includes batch job execution part to perform automatic execution of batch job stored in execution management table in parallel at execution schedule time

PATENT-ASSIGNEE: NIPPON TELEGRAPH & TELEPHONE CORP (NITE), NTT DATA TSUSHIN KK (NITE)

PRIORITY-DATA: 1995JP-0165900 (June 30, 1995)



PATENT-FAMILY:

| | PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|---|
| ☐ | JP 09016521 A | January 17, 1997 | | 008 | G06F015/00 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|---|---|---|---|
| JP 09016521A | June 30, 1995 | 1995JP-0165900 | |

INT-CL (IPC): G06 F 1/00; G06 F 13/00; G06 F 15/00; H04 L 12/40

ABSTRACTED-PUB-NO: JP 09016521A
BASIC-ABSTRACT:

The system assigns several batch jobs from a server terminal (1) to several client terminals (2a-2n). A schedule information containing the transit condition and the execution schedule time of each one of the batch job. An execution management table (17) stores the formed schedule information for every client terminal.

The client terminals are equipped with an execution management control part (22) and a batch job execution part (23). The batch job and execution part performs the automatic execution of the batch job stored in the execution management table in parallel at the execution schedule time according to the transit conditions.

ADVANTAGE - Processes batch jobs efficiently. Enables easier development of support program or implementation state program.

ABSTRACTED-PUB-NO: JP 09016521A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/9

DERWENT-CLASS: T01 W01
EPI-CODES: T01-H07C5S; T01-M02A1B;

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L8: Entry 8 of 8 File: DWPI Aug 16, 2003

DERWENT-ACC-NO: 1995-226559
DERWENT-WEEK: 200364


TITLE: Architecture for data management with multiple users - has batch scheduling function which automatically executes given tasks and distributes load

INVENTOR: BRICE, T J; DREXEL, R J ; MITCHELL, C A

PATENT-ASSIGNEE: AMERICAN AIRLINES INC (AMAIN), SABRE INC (SABRN), SABRE GROUP INC (SABRN)

PRIORITY-DATA: 1993US-0172046 (December 22, 1993), 1996US-0664330 (June 14, 1996)

Search Selected Search ALL Clear

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|
| ES 2190785 T3 | August 16, 2003 | | 000 | G06F017/60 |
| EP 660251 A2 | June 28, 1995 | E | 017 | G06F017/60 |
| CA 2137167 A | June 23, 1995 | | 000 | G06F015/40 |
| EP 660251 A3 | November 13, 1996 | | 000 | G06F017/60 |
| US 5764981 A | June 9, 1998 | | 000 | G06F015/20 |
| CA 2137167 C | September 21, 1999 | E | 000 | G06F017/30 |
| EP 660251 B1 | November 27, 2002 | E | 000 | G06F017/60 |
| DE 69431784 E | January 9, 2003 | | 000 | G06F017/60 |

DESIGNATED-STATES: AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

CITED-DOCUMENTS:No-SR.Pub; 1.Jnl.Ref ; EP 455825 ; GB 2248370 ; WO 9206439 ; WO 9310502

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|---|---|---|---|
| ES 2190785T3 | December 21, 1994 | 1994EP-0309633 | |
| ES 2190785T3 | | EP 660251 | Based on |
| EP 660251A2 | December 21, 1994 | 1994EP-0309633 | |
| CA 2137167A | December 2, 1994 | 1994CA-2137167 | |
| EP 660251A3 | December 21, 1994 | 1994EP-0309633 | |

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| | | | |
|---|---|---|---|
| US 5764981A | December 22, 1993 | 1993US-0172046 | Cont of |
| US 5764981A | June 14, 1996 | 1996US-0664330 | |
| CA 2137167C | December 2, 1994 | 1994CA-2137167 | |
| EP 660251B1 | December 21, 1994 | 1994EP-0309633 | |
| DE 69431784E | December 21, 1994 | 1994DE-0631784 | |
| DE 69431784E | December 21, 1994 | 1994EP-0309633 | |
| DE 69431784E | | EP 660251 | Based on |

INT-CL (IPC): G06 F 15/163; G06 F 15/20; G06 F 15/40; G06 F 17/30; G06 F 17/60; G06 F 153:02

ABSTRACTED-PUB-NO: EP 660251A
BASIC-ABSTRACT:

The architecture includes a mass data storage connected to a communications server process. An end user configuration is connected to the communications device. The configuration has several processing functions, several requesting functions, and several report generating functions. The mass data storage is one or more central information repositories.

The configuration is a local area network. The storage is connected to a client-server platform for access to and manipulation of data. A database server platform is connected to the local area network. It processes data from a central reservation system.

USE/ADVANTAGE - For accounting information or airlines. Operates in real-time. Improved efficiency using mixed platform environment.

ABSTRACTED-PUB-NO: US 5764981A
EQUIVALENT-ABSTRACTS:

The architecture includes a mass data storage connected to a communications server process. An end user configuration is connected to the communications device. The configuration has several processing functions, several requesting functions, and several report generating functions. The mass data storage is one or more central information repositories.

The configuration is a local area network. The storage is connected to a client-server platform for access to and manipulation of data. A database server platform is connected to the local area network. It processes data from a central reservation system.

USE/ADVANTAGE - For accounting information or airlines. Operates in real-time. Improved efficiency using mixed platform environment.

CHOSEN-DRAWING: Dwg.1/8

DERWENT-CLASS: T01
EPI-CODES: T01-F02A; T01-J05B4; T01-M02A1;

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